

January 20, 2010

**Revised Public Notice for Water Quality Certification and/or Waste  
Discharge Requirements (Dredge/Fill Projects)**

California Department of Transportation  
Highway 222 – Russian River Bridge Replacement Project  
WDID No. 1B07108WNME

Mendocino County

On August 12<sup>th</sup>, 2009, the North Coast Regional Water Quality Control Board (Regional Water Board) received a request from the California Department of Transportation (Caltrans) to revise the existing Federal Clean Water Act (CWA), section 401, Water Quality Certification for activities related to the proposed Highway 222 – Russian River Bridge Replacement project (project). The proposed project will cause disturbances to waters of the United States (U.S.) and waters of the State associated with the Russian River, Russian River Hydrologic Unit No.114.00, and Ukiah Hydrologic Sub-Area No. 114.31.

Based on changes to the certified mitigation proposal, the Regional Water Board has revised the public notice for the project. Due to changes in the property development at Ackerman Creek, Caltrans has elected to fund an alternative mitigation/restoration project. Caltrans proposes replanting 0.86 acres of riparian vegetation off-site by working cooperatively with the Mendocino County Resource Conservation District (MCRCD) on a restoration project along Forsythe Creek, which is located within the Forsythe Hydrologic Sub-Area No. 114.33. In addition, Caltrans proposes mitigation by replanting 0.43 acres of riparian vegetation on-site subsequent to completion of the newly proposed bridge.

The proposed project is located on Highway 222 at post mile (PM) 0.98, in Mendocino County. The purpose of the proposed project is to replace the existing bridge which was constructed in 1954 and is degrading due to scour. Bridge retrofits have been determined to not be a viable option; therefore, replacement is warranted. Caltrans proposes replacing the current bridge with a new structure that would consist of two abutments and four piers, one less pier than the existing bridge. The newly proposed bridge will be approximately 10 feet wider to accommodate bicycles and pedestrians, and would result in a net decrease of in-channel structures as compared to the existing bridge.

The proposed project will result in temporary and permanent impacts to waters of the U.S and waters of the State. The scope of work proposed would require the installation of a water diversion and is likely to require dewatering activities. Bridge construction will also include vegetation clearing, excavation, pile driving, drilling, steel and concrete work and the construction of temporary falsework and a construction trestle. The project also includes riparian revegetation activities and the demolition of the existing bridge.

Caltrans has determined that temporary impacts to waters of the U.S. (0.24 acres riparian wetland and 0.62 acres Russian River channel and ditches) would total 0.86 acres. Also, access to the river would require removal of riparian vegetation along the streambanks, resulting in an additional 0.19 acre of temporary impacts to waters of the

State. Additionally, approximately 0.002 acres of stream channel will be permanently impacted by the new piers; however, the permanent impacts will be off-set by removal of the existing bridge piers. Caltrans will utilize Best Management Practices (BMPs) to provide erosion control and pollution prevention throughout the project area during construction and demolition. In addition, all graded areas within the project affected by the construction activities will be appropriately stabilized and/or replanted with appropriate native vegetation. In addition, construction and post construction BMPs will be implemented to ensure erosion is minimized and controlled.

The project will result in a net increase of impervious surface area of approximately 0.1 acres. On-site storm water and hydromodification treatment controls will primarily include the use of energy dissipaters in the form of rock slope protection (RSP) and two bioswales located adjacent to the northeast and northwest bridge abutments. The RSP is provided to reduce sediment transport and erosion control and the bio-swales are designed to improve water quality by treating storm water runoff from approximately 0.48 acres of impervious surface.

Caltrans has applied for authorization from the United States Army Corps of Engineers to perform the project under their Nationwide Permits No. 25 (structural discharges) and No. 33 (Temporary Construction, Access and Dewatering) pursuant to Clean Water Act, section 404. Caltrans has also applied for a California Department of Fish and Game Streambed Alteration Agreement and a Biological Opinion from the National Marine Fisheries Service. On June 09, 2006, Caltrans certified an Initial Study / Mitigated Negative Declaration (State Clearing House No.2006062038) for the project in order to comply with the California Environmental Quality Act. The Regional Water Board has considered the environmental document.

The majority of proposed project activity is scheduled to begin in the spring of 2010. The entire project is expected to take two years to complete; however, the proposed in-channel work will only be conducted between May 1<sup>st</sup> and October 31<sup>st</sup>, when flows are low.

Regional Water Board staff are proposing to regulate this project pursuant to Section 401 of the CWA (33 USC 1341) and/or Porter-Cologne Water Quality Control Act authority. In addition, staff will consider all phone calls and comments submitted in writing and received within a 21-day comment period that begins on the first date of issuance of this letter and ends at 5:00 p.m. on the last day of the comment period. If you have any questions or comments, please contact staff member Jeremiah Puget at (707) 576-2835 or [jpuget@waterboards.ca.gov](mailto:jpuget@waterboards.ca.gov) within 21 days of the posting of this notice.

The information contained in this public notice is only a summary of the applicant's proposed road construction activities. The application for Water Quality Certification in the Regional Water Board's file contains additional details about the proposed project including maps and design drawings. The related documents and comments received are on file and may be reviewed or copied at the Regional Water Board office, 5550 Skylane Boulevard, Suite A, Santa Rosa, California. Appointments are recommended for document review. Appointments can be made by calling (707) 576-2220.